

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,654,595 B2  
APPLICATION NO. : 10/518756  
DATED : February 2, 2010  
INVENTOR(S) : Kazuo Yokoyama et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**TITLE PAGE**

Item (54), Title, "ARTICULATED DRIVING MECHANISM, METHOD OF MANUFACTURING THE MECHANISM, AND HOLDING HAND AND ROBOT USING THE MECHANISM" should read -- MULTI-JOINT DRIVE MECHANISM AND MANUFACTURING METHOD THEREFOR, AND GRASPING HAND AND ROBOT USING THOSE --.

**Column 23**

Line 26, Claim 11, "antagonistic action of both types." should read

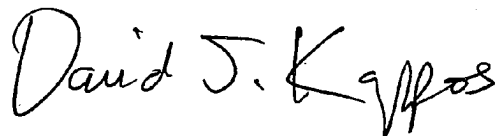
-- a flat-plate bone-member layer member in which a plurality of flat plate bone members are arranged in arrays, each of the flat plate bone members having at least one recessed portion, the plurality of bone members being movably coupled at coupling portions, the coupling portions comprising flat plates, and

elastic members which are arranged so as to stretch over the coupling portions on at least one of a contact-surface side of the bone-member layer member that is to make contact with an object and a noncontact-surface side of the bone-member layer member opposed to the contact-surface side, the elastic members being fitted into the recessed portions of adjacent ones of the bone members so as to be fixed to the adjacent ones of the bone members, the elastic members being capable of being elastically expanded and contracted, wherein the multi-joint drive mechanism is operable to drive flexural motions with the coupling portions between adjoining bone members serving as joints by expanding or contracting the elastic members, and the multi-joint drive mechanism has a layer structure in which at least the flat-plate bone-member layer member and the elastic members are arranged in a planar fashion,

and wherein the grasping hand is operable to perform a grasping operation for the object by expanding or contracting the elastic members to drive the finger mechanisms. --.

Signed and Sealed this

Twentieth Day of July, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

**Column 23**

Line 48, Claim 16, “information detection device” should read -- antagonistic action of both types. --.

**Column 24**

Line 29, Claim 19, “by the grasping-object” should read -- by the grasping-object information detection device. --.

Line 30, Claim 19, cancel the text beginning with “a flat-plate” to and ending “finger mechanisms.” in column 24, lines 56-57.